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(54) Title: ULTRASONIC FLOWMETER HAVING PRESSURE BALANCING SYSTEM FOR HIGH PRESSURE OPERATION

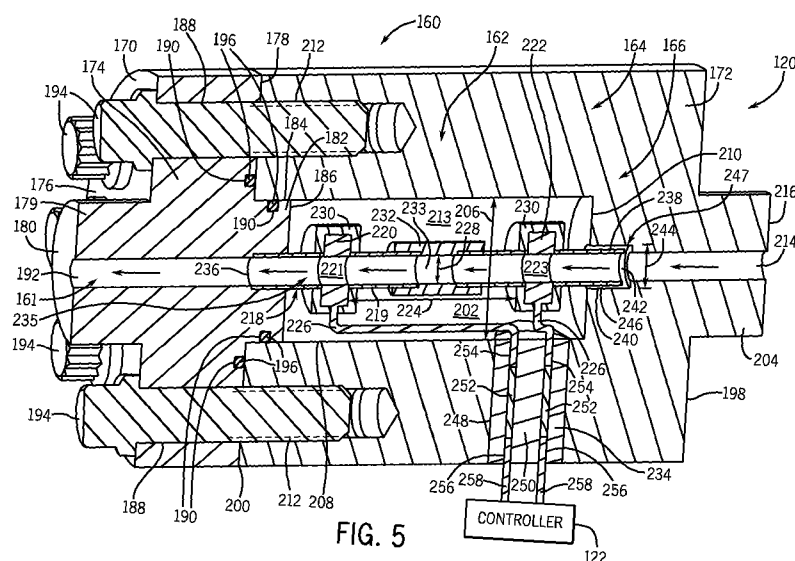


FIG. 5

(57) Abstract: A system is provided with an ultrasonic flow meter. The ultrasonic flow meter includes a first ultrasonic transducer disposed about a fluid flow path, and a pressure balancing system configured to pressure balance the first ultrasonic transducer relative to a fluid flow along the fluid flow path.